

ABSTRACT OF THE DISCLOSURE

A device, method, and computer program product for monitoring and transmitting a location and a local status of a remote device using a simplex satellite transmitter. The monitoring device includes a position location unit, a simplex satellite transmitter, a power source, and a controller. The position location unit is configured to determine a location of the remote device. The simplex satellite transmitter is configured to transmit the location to one or more satellites in low earth orbit. The controller includes a power management unit configured to control a power state of the position location unit and the simplex satellite transmitter, and to periodically enable and disable power from the power source to the position location unit and the simplex satellite transmitter.